

ABSTRACT OF THE DISCLOSURE

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A data processing system comprises a data compression decoder arranged in
5 operation to decode first and second encoded data to produce first and second
uncompressed data representative of first and second source data from which the first
and second encoded data were produced in accordance with a compression encoding
algorithm respectively. The data compression decoder also produces first and second
compression parameter data representative of encoding decisions made by the
10 compression encoding algorithm when the first and second source data was
compression encoded. The data processing system also comprises a data compression
encoder which is arranged in operation to compression encode the uncompressed data
in accordance with the compression encoding algorithm using the first and/or the
second compression parameter data, and a data communications apparatus coupled to
15 the data compression decoder and the data compression encoder and arranged in
operation to communicate the first and/or the second uncompressed data and the first
and/or the second parameter data, wherein the first and second uncompressed data and
the first and/or the second parameter data are separately communicated via a common
communications channel provided by the data communications apparatus. The
20 compression encoding algorithm may be an MPEG-type algorithm, such as MPEG-2.
The data processing system provides an advantageous alternative to the MOLE (TM).

[Fig 6]